

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

GRANT APPLICATION CHECKLIST

APPLICANT INFORMATION TAB

APPLICANT INFORMATION

| | |
|----------------------------|--|
| <u>Organization Name:</u> | Semitropic Water Storage District |
| <u>Tax ID:</u> | 95-6006599 |
| <u>Proposal Name:</u> | Poso Creek IRWMP Implementation Grant Proposal |
| <u>Proposal Objective:</u> | <p>This proposal addresses the Primary and secondary objectives of the Poso Creek IRWM Plan by providing integration of regional water conveyance systems with interties, promoting water conservation and addressing water quality problems faced by several DACs. The interties will reduce the Region's short-term and long-term water supply shortage through improved supply management and greater water supply reliability. This will provide drought protection and water quality improvement for water users who rely on the common groundwater basin. The regional conveyance interties will increase conveyance capacity between existing banking and exchange facilities allowing enhancements to conjunctive management of water within the Region and expanded opportunity for banking for entities outside the Region. On-farm water use efficiency services will improve irrigation efficiency and reduce energy use. Unused well destruction programs will and minimize spread of contaminants such as Arsenic and Nitrate. Expanding wastewater collection and upgrading water supplies in several DACs will address public health and environmental justice issues. Finally, integration of habitat creation with ongoing groundwater recharge will achieve multiple benefits beyond a single land use.</p> |

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

BUDGET

| | |
|-------------------------------|--------------|
| <u>Other Contribution:</u> | \$0 |
| <u>Funding Match:</u> | \$6,405,740 |
| <u>Federal Contribution:</u> | \$0 |
| <u>In-kind Contribution:</u> | \$0 |
| <u>Grant Funds Requested:</u> | \$12,892,510 |
| <u>Total Proposal Cost:</u> | \$19,298,250 |

GEOGRAPHIC INFORMATION

| | |
|--|--|
| <u>Latitude:</u> | 35° 38' 17" North |
| <u>Longitude:</u> | 119° 18' 13" West |
| <u>Longitude/Latitude Clarification:</u> | Approximate center of Poso Creek IRWM Region |
| <u>Location:</u> | The Poso Creek IRWM Region is located in the Southern San Joaquin Valley, California. |
| <u>County:</u> | Kern and Tulare Counties. A majority of the Poso Creek IRWM Region is located in northwestern Kern County, with a small portion of the Region located in southwestern Tulare County. |
| <u>Groundwater Basins:</u> | The Poso Creek IRWM Region overlies the San Joaquin Valley Groundwater Basin, Kern County Subbasin (5-22.14). |
| <u>Hydrologic Regions:</u> | The Poso Creek IRWM Region is located within the Tulare Lake Hydrologic Region. |
| <u>Watershed:</u> | The Poso Creek IRWM Region covers the South Valley Floor Watershed (116 7558) |

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

LEGISLATIVE INFORMATION

The Poso Creek IRWM Region is located in:

State Assembly District - 30 and 32

State Senate District - 16 and 18

US Congressional District - 20 and 22

APPLICANT INFORMATION AND QUESTIONS TAB

Q1. Proposal Description:

List of individual project titles:

- 1) Cross Valley Canal to Calloway Canal Intertie
- 2) Madera Avenue Intertie
- 3) Habitat Improvements on Pond-Poso and Turnipseed Spreading Basins
- 4) On-Farm Mobile Lab, Water Use Efficiency Services
- 5) DAC Fund for Feasibility-Level Studies and Well Destruction Program*
- 6) Consolidation of Bishop Acres into City of Shafter Water Supply System*
- 7) North Shafter Sewer Hook-up Reimbursement Fund*
- 8) Meter Installation in Disadvantaged Community Service Area*

*Addresses a critical water supply or water quality issue for a DAC

Abstract: The Poso Creek IRWM Implementation Grant Proposal includes two regional interties (Projects 1 and 2) that will increase water supply reliability by 5,700 AFY, improve conjunctive water management by 42,600 AFY, and provide 7,500 AF of drought protection (once every three years) for the Poso Creek IRWM Region. In addition, the Interties will increase the flexibility in timing of SWP and CVP Delta deliveries, decrease the competition for pumping water south of the Sacramento-San Joaquin Delta during droughts and other critical outages, provide interregional flood relief, and

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

support water banking for third-parties in Southern California. Project 3 develops over 547 acres of habitat on recently completed spreading basins. Project 4 provides on-farm water use efficiency services through support of North West Kern Recourses Conservation District On-Farm Mobile Lab Services. Project 5 establishes two funds to be utilized for projects throughout the Poso Creek IRWM Region; a fund for feasibility studies to advance several DAC Projects towards construction, and a fund to destroy abandoned wells to protect groundwater quality of areas near DACs. Projects 6 and 7 address critical water supply and water quality needs of DAC areas near the City of Shafter. Project 6 consolidates Bishop Acres' drinking water distribution system with the City of Shafter, removing 26 households in Bishop Acres' reliance on a single well that has water quality problems. Project 7 connects 240 households to the newly-constructed sewer mainline ensuring reduction water quality degradation to the local groundwater and adding to water re-use since the treated wastewater is applied to land through irrigation. Project 8 assists the City of Shafter in meeting the water meter compliance by funding meter upgrades for 600 households in the most severely economically disadvantaged portions of their service area.

Q2. Project Director:

Paul Oshel, District Engineer
Semitropic Water Storage District
(661) 758-5113
poshel@semitropic.com
mail@semitropic.com

Q3. Project Management:

Paul Oshel, Chairman of Poso Creek Regional
Water Management Group

Q4. Applicant Information:

Semitropic Water Storage District
1101 Central Avenue
P.O. Box 8043
Wasco, CA 93280

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

Q5. Additional Information: Provide the funding area(s) in which projects are located. Tulare/Kern (Tulare Lake) Funding Area

Q6. Responsible Regional Water Quality Control Board(s): List the name of the RWQCB in which your Proposal is located. For a region that extends beyond more than one RWQCB boundary, list the name of each Board. The Poso Creek IRWM Region is located in the Central Valley Region of the State Water Resources Control Board

Q7. Eligibility: Proposition 84 requires a minimum funding match of 25% of total project cost unless there is a DAC project included in the proposal. Requirements for DAC funding match reductions are included in Exhibit G of this PSP. Projects 1, 2, 3, and 4 can meet the 25% minimum funding match. Projects 5, 6, 7, and 8 are focused on DAC needs, thus the DAC Waiver is requested for each. However, counting all projects, the overall match is 33%

Q8. Eligibility: Does the application represent a single application from an IRWM Region approved in the RAP (See Section II.B, Table 1)? If yes, include the name of the IRWM Region. If not, explain. Yes. This application is from the conditionally approved Poso Creek IRWM Region.

Q9. Eligibility: Is the applicant a local agency or non-profit organization as defined in Appendix B of the Grant Guidelines? Yes, the applicant is a local agency as discussed in Attachment 1. Eligible Applicant Documentation.

Q10. Eligibility: List the urban water suppliers that will receive funding from the proposed grant. Those listed must submit self certification of compliance with CWC §525 et seq. and AB 1420. If there are none, so indicate and you do not have to answer Q11 and Q12. City of Delano
City of Shafter
City of Wasco

Q11. Eligibility: Have all of the urban water suppliers, listed in Q10 City of Delano, yes, submitted 2005 UWMP and verified complete by DWR; updated 2010

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

above, submitted complete 2005 Urban Water Management Plans (UWMP) to DWR? Have those plans been verified as complete by DWR? If not, explain and provide the anticipated date for having a complete UWMP. Will all of the urban water suppliers listed in Q9, along with any additional urban water suppliers that meet the urban water supplier definition threshold for the first time, submit updated 2010 UWMPs, consistent with the 2010 UWMP Guidebook and verified as complete by DWR, before the execution of a grant agreement? If not, explain.

Q12. Eligibility: Have any urban water suppliers listed in Q10 recently submitted AB 1420 compliance tables and supporting documentation to DWR for a different grant program within the past three months? If so, please list the urban water supplier and the grant program. An urban water supplier must submit AB 1420 compliance documentation to DWR. If the urban water supplier has not submitted AB 1420 documentation, or that documentation was determined to be incomplete by DWR, the urban water supplier's projects will not be considered eligible for grant funding. Refer to Section IIIB of the Guidelines for additional information.

Q13. Eligibility: Does the Proposal include any groundwater management or groundwater recharge projects or projects with potential groundwater impacts? If so, provide the name(s) of the project(s) and list the agency(ies)

UWMP will be submitted and verified complete by DWR prior to execution of a grant agreement.

City of Shafter, yes, submitted 2005 UWMP, received comments from DWR, and anticipates verification of updated 2010 UWMP will be submitted and verified complete by DWR prior to execution of a grant agreement.

City of Wasco, yes, submitted 2005 UWMP and verified complete by DWR; updated 2010 UWMP will be submitted and verified complete by DWR prior to execution of a grant agreement.

City of Delano, yes, submitted AB1420 compliance tables and supporting documentation to DWR.

City of Shafter, yes, submitted AB1420 compliance tables and supporting documentation to DWR.

City of Wasco, yes submitted AB1420 compliance tables and supporting documentation to DWR.

- 1) Cross Valley Canal to Calloway Canal Intertie, North Kern WSD
- 2) Madera Avenue Intertie, Semitropic WSD
- 3) Habitat Improvements on Pond-Poso and Turnipseed Spreading Basins, Semitropic WSD

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

that will implement the project(s)

- 4) On-Farm Mobile Lab, Water Use Efficiency Services, North West Kern Resource Conservation District
- 5) DAC Fund for Feasibility-Level Studies and Well Destruction Program*, Semitropic Water Storage District
- 6) Consolidation of Bishop Acres into City of Shafter Water Supply System*, City of Shafter
- 7) North Shafter Sewer Hook-up Reimbursement Fund*, City of Shafter
- 8) Meter Installation in Disadvantaged Community Service Area*, City of Shafter

Q14. Eligibility: For the agency (ies) listed in Q13, how has the agency complied with CWC §10753 regarding GWMPs, as described in Section III.B of the Grant Guidelines?

As part of the Poso Creek IRWM Plan development in 2007, the agricultural districts within the Poso Regional Water Management Group (Cawelo WD, Delano-Earlimart ID, Kern-Tulare WD, North Kern WSD, Semitropic WSD, and Shafter-Wasco ID) updated their Groundwater Management Plans in accordance with CWC §10753. North Kern WSD was the only one of the Poso Creek RWMG to not complete the process to adopt the AWMP, therefore, North Kern WSD is in process and expects to adopt their updated plan no later than their December, 2011 Board of Directors meeting, which is prior to January 7th, 2012 in accordance with DWR's GWMP compliance criteria. Since the City of Shafter is within the Shafter-Wasco ID, the City of Shafter works in cooperation with the Shafter-Wasco ID in preparing and implementing the GWMP for their area.

Q15. Eligibility: Does the IRWM region receive water supplied from the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please answer Question 16.

Yes.

Q16. Eligibility: Does the existing IRWM Plan help reduce

Yes. See attachment 15 for more information.

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

Q17. Eligibility: If an update to the plan takes place in the near future, will the updated plan continue to reduce dependence on the Sacramento-San Joaquin Delta for water supply? Please answer yes or no. If no, please explain. If yes, please complete Attachment 15.

Yes. See Attachment 15 for more information.

PROJECTS TABS

PROJECT 1 - CROSS VALLEY CANAL TO CALLOWAY CANAL INTERTIE

PROJECT BENEFITS INFORMATION

Project Name: Provide the Project name.

Project 1 – Cross Valley Canal to Calloway Canal Intertie

Benefit type: Select the benefit type that most closely matches the intended benefit of the project. Multiple benefits may be defined here. Benefit Level: identify the level of benefit being described as Primary, secondary, etc.

Water Supply Benefit – Primary

Water Quality Benefit – Secondary

Description: Provide a brief description of how the benefit will be attained.

Better use of surface water supplies when they are available, avoided energy costs and associated greenhouse gasses, increased jobs, reduced water treatment costs, facilitation of water banking and exchange arrangements within and outside the Region, reduced interregional flood damages, and ecosystem improvements.

Measurement: Quantify the Benefit using a unit of measurement (IE: acre feet, acres,

Acre-Feet per Year (AF/Y)

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

square miles, cubic feet, etc).

Other Contribution: Enter other State funds Being used. \$0

Funding Match (Local Contribution): Provide the total Funding Match that will be committed to the project. \$3,386,500

In kind Contribution: Provide the total dollar amount of in kind services in dollars. In Kind Contribution – refers to work performed by the grantee, the cost of which is considered cost match instead of actual funds from the grantee being used as cost match. If there is no in kind contribution then place zeroes in this field. \$0

Grant Funds Requested (Amount Requested): Provide the amount of total grant funds requested for this project, in dollars. \$7,400,700

Total Project Cost: Provide the total Project cost, in dollars. \$10,787,200

GEOGRAPHIC INFORMATION

Latitude: Enter the Latitude at the center of the project. 35° 22' 22" North

Longitude: Enter the Longitude at the center of the project. 119° 05' 12" West

Longitude/Latitude Clarification: Use only if necessary.

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

| | |
|--|---|
| <u>Location:</u> Provide the address for the project or the nearest identifiable location. | Located approximately one mile northeast of the intersection of Truxtun Avenue and Coffee Road, in the City of Bakersfield. |
| <u>County:</u> Provide the county in which the project is located. | Kern County |
| <u>Groundwater Basins:</u> Provide the groundwater basin in which the project is located. | Kern County Sub-basin (5-22.14); San Joaquin Valley Groundwater Basin |
| <u>Hydrologic Regions:</u> Provide the hydrologic region in which your project is located. | Tulare Lake Hydrologic Region |
| <u>Watershed:</u> Provide the name of the watershed the project is located in. | South Valley Floor Watershed (116 7558) |

LEGISLATIVE INFORMATION

| | |
|--|---|
| Enter the State Assembly, State Senate, and U.S. Congressional Districts in which the project is located (use district numbers only, not the name of the Legislator). For projects covering more than one district, hold the control key down and select all that apply. | State Assembly District – 30 and 32 State Senate District – 16 and 18 US Congressional District – 20 and 22 |
|--|---|

PROJECT 2 - MADERA AVENUE INTERTIE

PROJECT BENEFITS INFORMATION

| | |
|--|---|
| <u>Project Name:</u> Provide the Project name. | <u>Project 2</u> – Madera Avenue Intertie |
| <u>Benefit type:</u> Select the benefit type that most closely matches the intended benefit of the project. Multiple benefits may be defined here. Benefit Level: identify the level of benefit | Water Supply Benefit – Primary |

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

being described as Primary, secondary, etc.

Description: Provide a brief description of how the benefit will be attained.

Added flexibility in managing surface water supplies, more reliable, dry-year supply and drought protection, reduced risk of water quality degradation, avoided energy costs and associated greenhouse gasses, and increased jobs.

Measurement: Quantify the Benefit using a unit of measurement (IE: acre feet, acres, square miles, cubic feet, etc).

Acre-Feet per Year (AF/Y)

Other Contribution: Enter other State funds Being used.

\$0

Funding Match (Local Contribution): Provide the total Funding Match that will be committed to the project.

\$2,697,640

In kind Contribution: Provide the total dollar amount of in kind services in dollars. In Kind Contribution – refers to work performed by the grantee, the cost of which is considered cost match instead of actual funds from the grantee being used as cost match. If there is no in kind contribution then place zeroes in this field.

\$0

Grant Funds Requested (Amount Requested): Provide the amount of total grant funds requested for this project, in dollars.

\$3,400,080

Total Project Cost: Provide the total Project cost, in dollars.

\$6,097,720

GEOGRAPHIC INFORMATION

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

Latitude: Enter the Latitude at the center of the project. 35° 31' 17" North

Longitude: Enter the Longitude at the center of the project. 119° 20' 00" West

Longitude/Latitude Clarification: Use only if necessary.

Location: Provide the address for the project or the nearest identifiable location. Near the intersection of Madera Avenue and Wasco Avenue, approximately 3.5 miles northwest of the City of Shafter

County: Provide the county in which the project is located. Kern County

Groundwater Basins: Provide the groundwater basin in which the project is located. Kern County Sub-basin (5-22.14); San Joaquin Valley Groundwater Basin

Hydrologic Regions: Provide the hydrologic region in which your project is located. Tulare Lake Hydrologic Region

Watershed: Provide the name of the watershed the project is located in. South Valley Floor Watershed (116 7558)

LEGISLATIVE INFORMATION

Enter the State Assembly, State Senate, and U.S. Congressional Districts in which the project is located (use district numbers only, not the name of the Legislator). For projects covering more than one district, hold the control key down and select all that apply.

State Assembly District – 30 and 32
State Senate District – 16 and 18
US Congressional District – 20 and 22

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

PROJECT 3 - HABITAT IMPROVEMENTS ON POND-POSO AND TURNIPSEED SPREADING GROUNDS

PROJECT BENEFITS INFORMATION

Project Name: Provide the Project name.

Project 3 – Habitat Improvements on Pond-Poso
and Turnipseed Spreading Basins

Benefit type: Select the benefit type that most closely matches the intended benefit of the project. Multiple benefits may be defined here.
Benefit Level: identify the level of benefit being described as Primary, secondary, etc.

Environmental Benefit – Primary

Water Quality Benefit – Secondary

Description: Provide a brief description of how the benefit will be attained.

513 Acres of wetland habitat along the margin or each spreading basin

34 Acres of emergent and riparian habitat along the margin of the created wetland habitat.

Biological filtering of water in spreading pond

Measurement: Quantify the Benefit using a unit of measurement (IE: acre feet, acres, square miles, cubic feet, etc).

Acres of habitat established

Other Contribution: Enter other State funds Being used.

\$0

Funding Match (Local Contribution): Provide the total Funding Match that will be committed to the project.

\$29,520

In kind Contribution: Provide the total dollar amount of in kind services in dollars. In Kind Contribution – refers to work performed by

\$0

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

the grantee, the cost of which is considered cost match instead of actual funds from the grantee being used as cost match. If there is no in kind contribution then place zeroes in this field.

Grant Funds Requested (Amount Requested): \$87,910
Provide the amount of total grant funds requested for this project, in dollars.

Total Project Cost: Provide the total Project cost, in dollars. \$117,430

GEOGRAPHIC INFORMATION

Latitude: Enter the Latitude at the center of the project.
Pond-Poso Spreading Basin:
35° 40' 10" North
Turnipseed Spreading Basin:
35° 50' 42" North

Longitude: Enter the Longitude at the center of the project.
Pond-Poso Spreading Basin:
119° 23' 55" West
Turnipseed Spreading Basin:
119° 11' 01" West

Longitude/Latitude Clarification: Use only if necessary.

Location: Provide the address for the project or the nearest identifiable location.
PPSB: Near the intersection of Scofield Road and Hanawalt Avenue, approximately 6 miles northwest of the City of Wasco.
TSB: Near the intersection of Road 176 and Avenue 32, approximately 6.5 miles northeast of the City of Delano.

County: Provide the county in which the Kern County

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

project is located.

Groundwater Basins: Provide the groundwater basin in which the project is located.

Kern County Sub-basin (5-22.14); San Joaquin Valley Groundwater Basin

Hydrologic Regions: Provide the hydrologic region in which your project is located.

Tulare Lake Hydrologic Region

Watershed: Provide the name of the watershed the project is located in.

South Valley Floor Watershed (116 7558)

LEGISLATIVE INFORMATION

Enter the State Assembly, State Senate, and U.S. Congressional Districts in which the project is located (use district numbers only, not the name of the Legislator). For projects covering more than one district, hold the control key down and select all that apply.

State Assembly District – 30 and 32

State Senate District – 16 and 18

US Congressional District – 20 and 22

PROJECT 4 - ON-FARM MOBILE LAB, WATER USE EFFICIENCY SERVICES

PROJECT BENEFITS INFORMATION

Project Name: Provide the Project name.

Project 4 – On-Farm Mobile Lab, Water Use Efficiency Services

Benefit type: Select the benefit type that most closely matches the intended benefit of the project. Multiple benefits may be defined here. Benefit Level: identify the level of benefit being described as Primary, secondary, etc.

Water Supply Benefit – Primary

Water Quality Benefit – Secondary

Description: Provide a brief description of how the benefit will be attained.

Improved water management, increased water use efficiency and energy savings, and reduced

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

leaching of salts and nutrients to ground water –
improving groundwater quality.

Measurement: Quantify the Benefit using a unit of measurement (IE: acre feet, acres, square miles, cubic feet, etc).

Percent in water system efficiency measured as application efficiency.

Estimated Acre-Feet of water conserved.

Other Contribution: Enter other State funds Being used.

\$0

Funding Match (Local Contribution): Provide the total Funding Match that will be committed to the project.

\$200,240

In kind Contribution: Provide the total dollar amount of in kind services in dollars. In Kind Contribution – refers to work performed by the grantee, the cost of which is considered cost match instead of actual funds from the grantee being used as cost match. If there is no in kind contribution then place zeroes in this field.

\$0

Grant Funds Requested (Amount Requested): Provide the amount of total grant funds requested for this project, in dollars.

\$100,000

Total Project Cost: Provide the total Project cost, in dollars.

\$300,240

GEOGRAPHIC INFORMATION

Latitude: Enter the Latitude at the center of the project.

35° 38' 17" North

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

Longitude: Enter the Longitude at the center of the project. 119° 18' 13" West

Longitude/Latitude Clarification: Use only if necessary. Approximate center of Poso Creek IRWM Region

Location: Provide the address for the project or the nearest identifiable location. City of Bakersfield

County: Provide the county in which the project is located. Kern County

Groundwater Basins: Provide the groundwater basin in which the project is located. Kern County Sub-basin (5-22.14); San Joaquin Valley Groundwater Basin

Hydrologic Regions: Provide the hydrologic region in which your project is located. Tulare Lake Hydrologic Region

Watershed: Provide the name of the watershed the project is located in. South Valley Floor Watershed (116 7558)

LEGISLATIVE INFORMATION

Enter the State Assembly, State Senate, and U.S. Congressional Districts in which the project is located (use district numbers only, not the name of the Legislator). For projects covering more than one district, hold the control key down and select all that apply.

State Assembly District – 30 and 32
State Senate District – 16 and 18
US Congressional District – 20 and 22

PROJECT 5 - DAC FUND FOR FEASIBILITY-LEVEL STUDIES AND WELL DESTRUCTION PROGRAM

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

PROJECT BENEFITS INFORMATION

Project Name: Provide the Project name.

Project 5 - DAC Fund for Feasibility-Level
Studies and Well Destruction Program

Benefit type: Select the benefit type that most closely matches the intended benefit of the project. Multiple benefits may be defined here.
Benefit Level: identify the level of benefit being described as Primary, secondary, etc.

Water Quality Benefits – Primary

System Reliability – Primary

Water Pollution Abatement – Primary

Environmental Justice – Primary

Description: Provide a brief description of how the benefit will be attained.

Improves water supply reliability and water quality objectives, protects ground water quality used as DAC source, reduces medical health costs; and increases property values.

Measurement: Quantify the Benefit using a unit of measurement (IE: acre feet, acres, square miles, cubic feet, etc).

Completion of system improvement plans;
Number of wells destroyed.

Other Contribution: Enter other State funds Being used.

\$0

Funding Match (Local Contribution): Provide the total Funding Match that will be committed to the project.

\$31,740

In kind Contribution: Provide the total dollar amount of in kind services in dollars. In Kind Contribution – refers to work performed by the grantee, the cost of which is considered cost match instead of actual funds from the grantee being used as cost match. If there is no in kind contribution then place zeroes in this field.

\$0

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

Grant Funds Requested (Amount Requested): \$400,000

Provide the amount of total grant funds requested for this project, in dollars.

Total Project Cost: Provide the total Project cost, in dollars. \$431,740

GEOGRAPHIC INFORMATION

Latitude: Enter the Latitude at the center of the project. 35° 38' 17" North

Longitude: Enter the Longitude at the center of the project. 119° 18' 13" West

Longitude/Latitude Clarification: Use only if necessary. Approximate center of Poso Creek IRWM Region.

Location: Provide the address for the project or the nearest identifiable location. City of Wasco

County: Provide the county in which the project is located. Kern County

Groundwater Basins: Provide the groundwater basin in which the project is located. Kern County Sub-basin (5-22.14); San Joaquin Valley Groundwater Basin

Hydrologic Regions: Provide the hydrologic region in which your project is located. Tulare Lake Hydrologic Region

Watershed: Provide the name of the watershed the project is located in. South Valley Floor Watershed (116 7558)

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

LEGISLATIVE INFORMATION

Enter the State Assembly, State Senate, and U.S. Congressional Districts in which the project is located (use district numbers only, not the name of the Legislator). For projects covering more than one district, hold the control key down and select all that apply.

State Assembly District – 30 and 32

State Senate District – 16 and 18

US Congressional District – 20 and 22

PROJECT 6 - CONSOLIDATION OF BISHOP ACRES DRINKING WATER DISTRIBUTION SYSTEM

PROJECT BENEFITS INFORMATION

Project Name: Provide the Project name.

Project 6 - Consolidation of Bishop Acres into
City of Shafter Water Supply System

Benefit type: Select the benefit type that most closely matches the intended benefit of the project. Multiple benefits may be defined here.
Benefit Level: identify the level of benefit being described as Primary, secondary, etc.

Water Supply Benefit for a DAC – Primary

Water Quality Benefit for a DAC – Primary

Description: Provide a brief description of how the benefit will be attained.

Improves water supply reliability and quality to DAC area, provide City with additional supply well, and reduces water supply costs to DAC.

Measurement: Quantify the Benefit using a unit of measurement (IE: acre feet, acres, square miles, cubic feet, etc).

Completion of interconnection

Reduction in service interruption

Improvement on delivered water quality

Other Contribution: Enter other State funds Being used.

\$0

Funding Match (Local Contribution): Provide the total Funding Match that will be

\$0

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

committed to the project.

In kind Contribution: Provide the total dollar amount of in kind services in dollars. In Kind Contribution – refers to work performed by the grantee, the cost of which is considered cost match instead of actual funds from the grantee being used as cost match. If there is no in kind contribution then place zeroes in this field. \$0

Grant Funds Requested (Amount Requested): \$444,500
Provide the amount of total grant funds requested for this project, in dollars.

Total Project Cost: Provide the total Project cost, in dollars. \$444,500

GEOGRAPHIC INFORMATION

Latitude: Enter the Latitude at the center of the project. Bishop Acres: 35° 26' 33" North

Longitude: Enter the Longitude at the center of the project. Bishop Acres: 119° 12' 07" West

Longitude/Latitude Clarification: Use only if necessary.

Location: Provide the address for the project or the nearest identifiable location. Bishop Acres: At the northwest corner of the intersection of 7th Standard Road and South Central Valley Highway, approximately 5.5 miles southeast of the City of Shafter

County: Provide the county in which the project is located. Kern County

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

Groundwater Basins: Provide the groundwater basin in which the project is located.

Kern County Sub-basin (5-22.14); San Joaquin Valley Groundwater Basin

Hydrologic Regions: Provide the hydrologic region in which your project is located.

Tulare Lake Hydrologic Region

Watershed: Provide the name of the watershed the project is located in.

South Valley Floor Watershed (116 7558)

LEGISLATIVE INFORMATION

Enter the State Assembly, State Senate, and U.S. Congressional Districts in which the project is located (use district numbers only, not the name of the Legislator). For projects covering more than one district, hold the control key down and select all that apply.

State Assembly District – 30 and 32

State Senate District – 16 and 18

US Congressional District – 20 and 22

PROJECT 7 - NORTH SHAFTER SEWER HOOK-UP REIMBURSEMENT FUND

PROJECT BENEFITS INFORMATION

Project Name: Provide the Project name.

Project 7 – North Shafter Sewer Hook-up Reimbursement Fund

Benefit type: Select the benefit type that most closely matches the intended benefit of the project. Multiple benefits may be defined here. Benefit Level: identify the level of benefit being described as Primary, secondary, etc.

Water Quality Benefit – Primary

Environmental Justice – Primary

Description: Provide a brief description of how the benefit will be attained.

Improves water quality by eliminating ground water contamination sources, reduced DAC homeowner maintenance costs, increases good quality groundwater recharge, and improved

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

public health and air quality.

Elimination of 240 failing septic systems will improve water quality and reduce public health risk in a DAC.

Measurement: Quantify the Benefit using a unit of measurement (IE: acre feet, acres, square miles, cubic feet, etc).

Connection of residences. Elimination of septic system use.

Other Contribution: Enter other State funds Being used.

\$0

Funding Match (Local Contribution): Provide the total Funding Match that will be committed to the project.

\$60,100

In kind Contribution: Provide the total dollar amount of in kind services in dollars. In Kind Contribution – refers to work performed by the grantee, the cost of which is considered cost match instead of actual funds from the grantee being used as cost match. If there is no in kind contribution then place zeroes in this field.

\$0

Grant Funds Requested (Amount Requested): Provide the amount of total grant funds requested for this project, in dollars.

\$480,000

Total Project Cost: Provide the total Project cost, in dollars.

\$540,100

GEOGRAPHIC INFORMATION

Latitude: Enter the Latitude at the center of the project.

35° 30' 40" North

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

Longitude: Enter the Longitude at the center of the project. 119° 17' 10" West

Longitude/Latitude Clarification: Use only if necessary. Approximate center of North Shafter

Location: Provide the address for the project or the nearest identifiable location. Near the intersection of Highway 43 and Klassen Street, approximately one mile northwest of the City of Shafter.

County: Provide the county in which the project is located. Kern County

Groundwater Basins: Provide the groundwater basin in which the project is located. Kern County Sub-basin (5-22.14); San Joaquin Valley Groundwater Basin

Hydrologic Regions: Provide the hydrologic region in which your project is located. Tulare Lake Hydrologic Region

Watershed: Provide the name of the watershed the project is located in. South Valley Floor Watershed (116 7558)

LEGISLATIVE INFORMATION

Enter the State Assembly, State Senate, and U.S. Congressional Districts in which the project is located (use district numbers only, not the name of the Legislator). For projects covering more than one district, hold the control key down and select all that apply.

State Assembly District – 30 and 32
State Senate District – 16 and 18
US Congressional District – 20 and 22

PROJECT 8 - WATER METERS IN DISADVANTAGED COMMUNITY SERVICE AREA

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

PROJECT BENEFITS INFORMATION

| | |
|--|---|
| <u>Project Name:</u> Provide the Project name. | <u>Project 8</u> – Meter Installation in Disadvantaged Community Service Area |
| <u>Benefit type:</u> Select the benefit type that most closely matches the intended benefit of the project. Multiple benefits may be defined here. Benefit Level: identify the level of benefit being described as Primary, secondary, etc. | Water Supply Benefit – Primary Water Quality Benefit – Secondary |
| <u>Description:</u> Provide a brief description of how the benefit will be attained. | Reduced operational costs, improved leak detection and control, conserves water supply, and improves air quality. |
| <u>Measurement:</u> Quantify the Benefit using a unit of measurement (IE: acre feet, acres, square miles, cubic feet, etc). | Number of water meters installed |
| <u>Other Contribution:</u> Enter other State funds Being used. | \$0 |
| <u>Funding Match (Local Contribution):</u> Provide the total Funding Match that will be committed to the project. | \$0 |
| <u>In kind Contribution:</u> Provide the total dollar amount of in kind services in dollars. In Kind Contribution – refers to work performed by the grantee, the cost of which is considered cost match instead of actual funds from the grantee being used as cost match. If there is no in kind contribution then place zeroes in this field. | \$0 |
| <u>Grant Funds Requested (Amount Requested):</u> Provide the amount of total grant funds | \$579,320 |

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

requested for this project, in dollars.

Total Project Cost: Provide the total Project cost, in dollars. \$579,320

GEOGRAPHIC INFORMATION

Latitude: Enter the Latitude at the center of the project. 35° 30' 00" North

Longitude: Enter the Longitude at the center of the project. 119° 16' 18" West

Longitude/Latitude Clarification: Use only if necessary. Approximate center of the City of Shafter.

Location: Provide the address for the project or the nearest identifiable location. Meters will be installed in numerous DAC service areas, including Shafter Farm Labor Center, Shafter-North, Shafter-South, and Bishop Acres

County: Provide the county in which the project is located. Kern County

Groundwater Basins: Provide the groundwater basin in which the project is located. Kern County Sub-basin (5-22.14); San Joaquin Valley Groundwater Basin

Hydrologic Regions: Provide the hydrologic region in which your project is located. Tulare Lake Hydrologic Region

Watershed: Provide the name of the watershed the project is located in. South Valley Floor Watershed (116 7558)

LEGISLATIVE INFORMATION

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

Enter the State Assembly, State Senate, and U.S. Congressional Districts in which the project is located (use district numbers only, not the name of the Legislator). For projects covering more than one district, hold the control key down and select all that apply.

State Assembly District – 30 and 32

State Senate District – 16 and 18

US Congressional District – 20 and 22

APPLICATION ATTACHMENTS TAB

| | |
|---|-------------------------------|
| Attachment 1: Authorizing and Eligibility Requirements | Att1_IG1_Eligible_1of1.pdf |
| Attachment 2: Adopted Plan and Proof of Formal Adoption | Att2_IG1_Adopt_1of1.pdf |
| Attachment 3: Work Plan | Att3_IG1_WorkPlan_1of1.pdf |
| Attachment 4: Budget | Att4_IG1_Budget_1of1.pdf |
| Attachment 5: Schedule | Att5_IG1_Schedule_1of1.pdf |
| Attachment 6: Monitoring, Assessment, and Performance Measures | Att6_IG1_Measures_1of1.pdf |
| Attachment 7: Economic Analysis – Water Supply Costs and Benefits | Att7_IG1_WSBen_1of1.pdf |
| Attachment 8: Water Quality and Other Expected Benefits | Att8_IG1_WQOtherBen_1of1.pdf |
| Attachment 9: Economic Analysis – Flood Damage Reduction Costs and Benefits | Att9_IG1_DReduc_1of1.pdf |
| Attachment 10: Costs and Benefits Summary | Att10_IG1_BSummary_1of1.pdf |
| Attachment 11: Program Preferences | Att11_IG1_Preference_1of1.pdf |
| Attachment 12: Disadvantaged Community Assistance | Att12_IG1_DAC_1of1.pdf |
| Attachment 13: AB1420 and Water Meter Compliance Information | Att13_IG1_AB1420_1of1.pdf |
| Attachment 14: Consent Form | Att14_IG1_Consent_1of1.pdf |
| Attachment 15: Reduce Delta Water | Att15_IG1_Deltawater_1of1.pdf |

Poso Creek Integrated Regional Water Management Implementation Grant Proposal

Dependence